CLAIMS

What is claimed is:

1.   A method of optimizing communication over a high-speed serial bus by minimizing the delay between packets transmitted over the bus, the method comprising:

calculating the round trip delay between PHYs connected on the bus by pinging;

a bus manager sending a configuration packet to all PHYs connected on the bus, the configuration packet containing a minimum gap_count parameter value; and

all PHYs connected on the bus sending packets over the bus using the minimum gap _count parameter value as a delay between packets.